

# SANTA BARBARA AND VENTURA COUNTY EMERGENCY MEDICAL SERVICES

## POST TEST – NERVE AGENT TERRORISM TRAINING

Name: \_\_\_\_\_ Date: \_\_\_\_\_

(circle the best answer)

1. A MARK I auto injector antidote kit contains:
  - A. An Atropine auto injector only
  - B. A Pralidoxine Chloride auto injector only
  - C. Two 2-PAM auto injectors
  - D. One Atropine auto injector and one Pralidoxine Chloride auto injector
2. The dosage for a large exposure of a nerve agent is which of the following?
  - A. One MARK I kit
  - B. Two MARK I kits
  - C. Three MARK I kits
  - D. 3-grams of 2-PAM and 20-milligrams of atropine
3. Which of the following signs and symptoms are NOT indicative of nerve agent exposure?
  - A. Difficulty breathing
  - B. Normal pupil size
  - C. Bronchospasm
  - D. Coma
4. "SLUDGE" is a mnemonic to remember the signs and symptoms of what entity?
  - A. Nerve agent exposure
  - B. Cyanide poisoning
  - C. Mustard gas exposure
  - D. Anthrax
5. Which of the following medications is NOT available in an auto injector?
  - A. 2-PAM
  - B. Diazepam
  - C. Midazolam
  - D. Atropine
6. Treatment of patients with nerve agent exposure and cyanide poisoning should be undertaken by which of the following personnel?
  - A. EMT-Is
  - B. Fire captains
  - C. Paramedics with specialized HAZMAT training
  - D. Any paramedic.

7. The following should be performed BEFORE self-administration of the antidotes in a MARK I kit:

- A. Removal of clothes
- B. Decontamination
- C. Placement of a protective respiratory device
- D. Securing of samples of the substance and send to the Health Department Lab

8. The injection site for auto injector administration is which of the following?

- A. The deltoid muscle
- B. The outer thigh muscle
- C. The lower buttocks
- D. Any convenient location

9. VX is what type of substance?

- A. A bacterium
- B. A cyanide analog
- C. A central nervous system stimulant
- D. A nerve agent

10. Which of the following is the most toxic substance?

- A. Sarin (GB)
- B. Soman (GD)
- C. VX
- D. Botulinum toxin

11. Which of the following nerve agents “ages” most quickly (it comes irreversibly bound to the enzyme)?

- A. VX
- B. Sarin
- C. Soman
- D. Botulinum toxin

12. Which of the following substances has many industrial applications?

- A. Botulinum toxin
- B. Cyanide
- C. VX
- D. Sarin